

Project Manager Training Devices PM TRADE

Advance Planning Briefing to Industry

9 & 10 JUN 03



***Mr. Bill Rucker
Deputy Project Manager
Training Devices***



Project Manager Training Devices Mission

**DA Executive agent for training
support of maneuver
Combat Training Centers**

**Live Training Systems for
Homestations and MOUT
Facilities**

**Tactical Engagement
Simulation**

**Instrumented Training Systems
and Ranges**

**Acquisition Support to System PMs,
Other Services and Foreign Military
Sales**

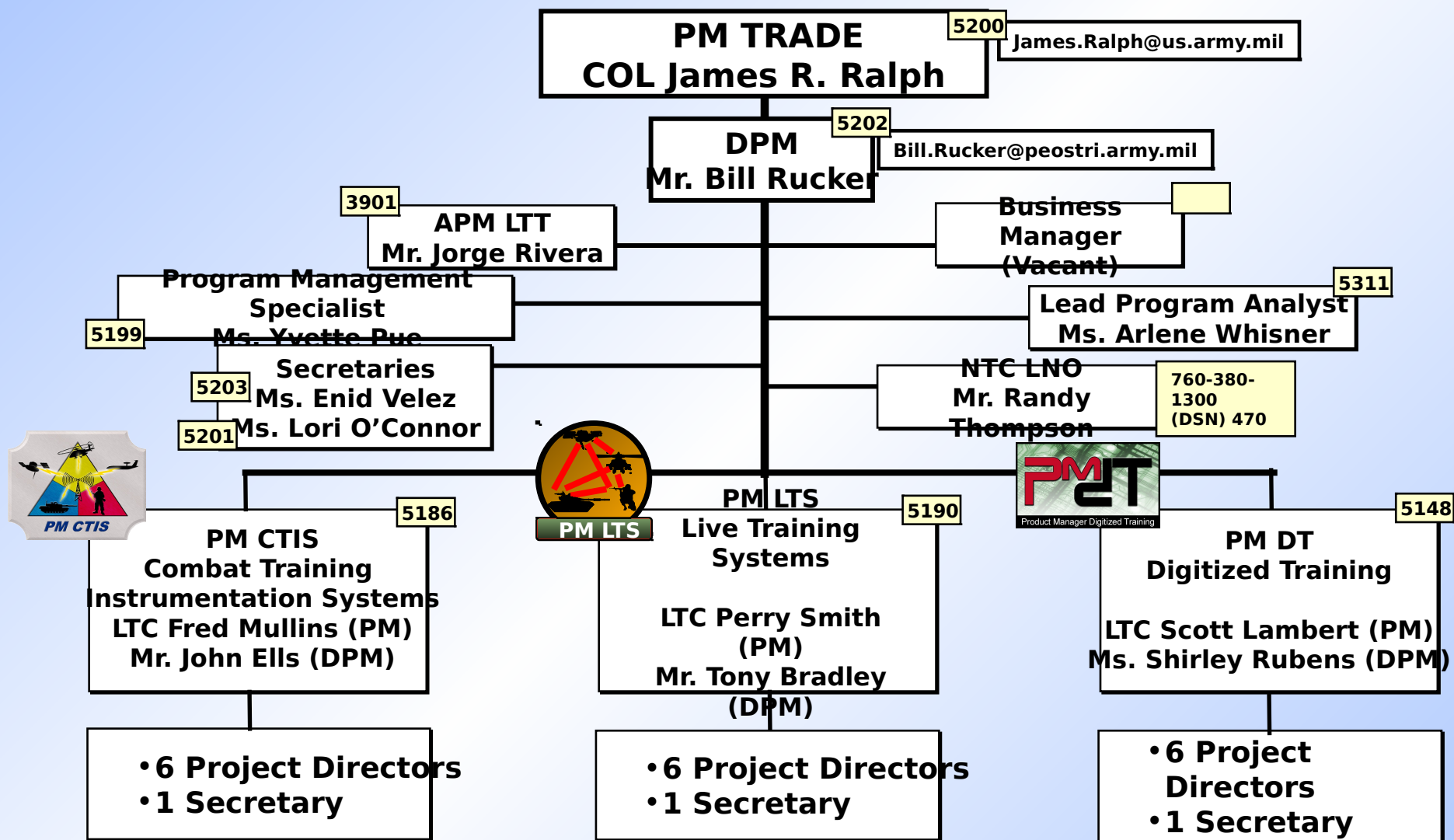
**Life Cycle Manager of
Fielded Training Aids, Devices,
Simulators and Simulations
(TADSS)**



***Providing Commanders
with
Tools to Train Soldiers
and Units***



PM TRADE Project Management Office



PEO STRI MATRIX Support

Civilian Support - ACQ Log Directorate, Engineering Directorate, Contracts Directorate, Finance Directorate
SETA Contractor Support



APBI 2004 PM TRADE Agenda

| Program | Briefer |
|-----------------------|---------------------------|
| PM TRADE Intro | Mr. Bill Rucker |
| LT2 | Mr. J orge Rivera |
| Contracts | Mr. Ron Dillion |
| PM LTS | LTC Perry Smith |
| PM DT | Ms. Shirley Rubens |
| PM CTIS | LTC Fred Mullins |



Live Training Transformation (LT2)



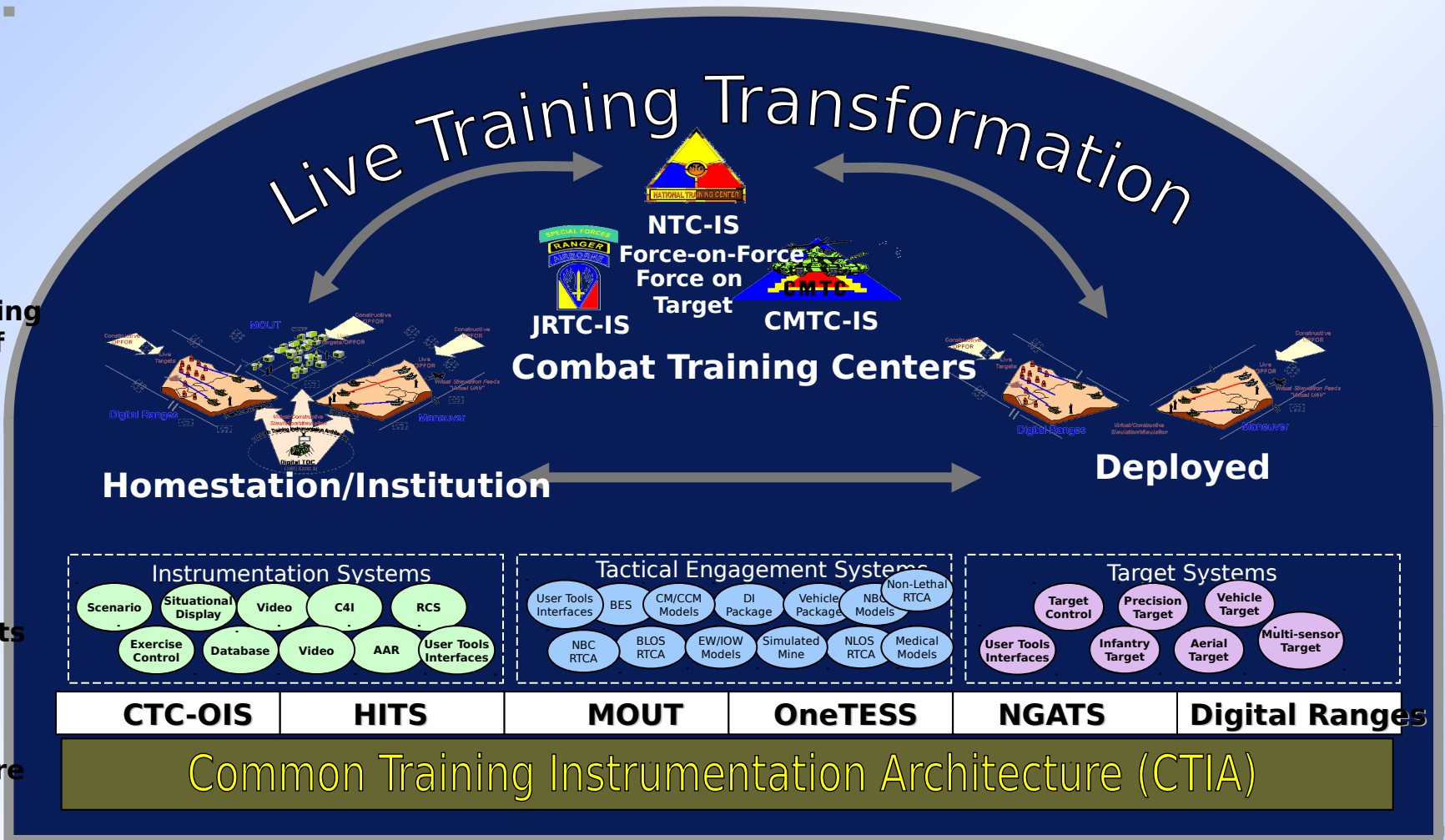
Building LT2 Products

Products
(Live Training
Systems of
Systems)

Common
Components

Programs

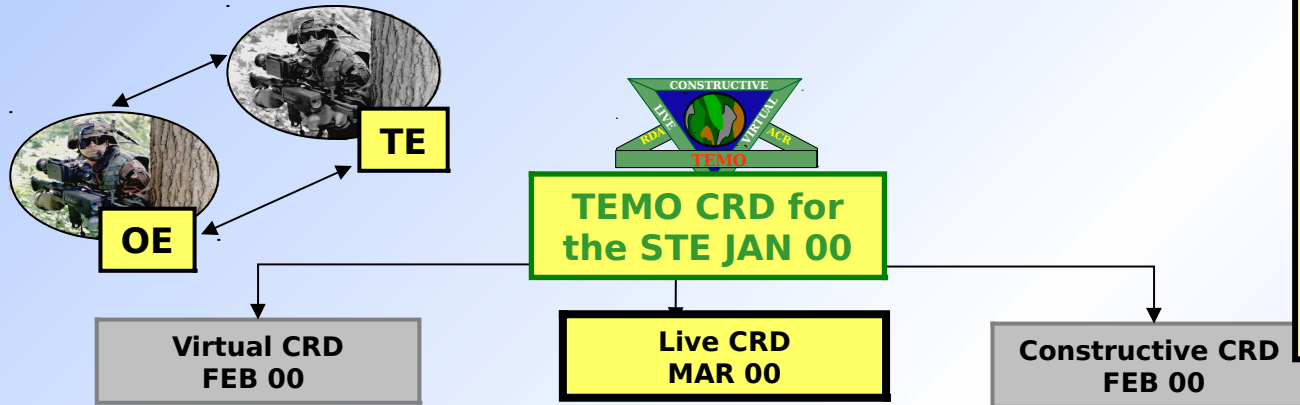
Architecture



**Support Live Collective Training at:
Homestation Combat Training Centers Deployed**



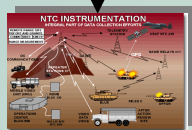
Army Collective - Live Training Environment



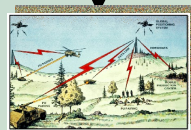
Development Shortcomings:

1. Non standard, stovepipe development
2. No horizontal integration
3. Limited re-use, if any
4. Very costly

CTIA



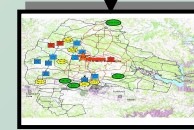
NTC-OIS



JRTC-OIS



CMTC-OIS/LF



HITS

Army Range Program



DMPRC/DMPTR/BAX



UAC/Shoot House/CACTF



TARGETS



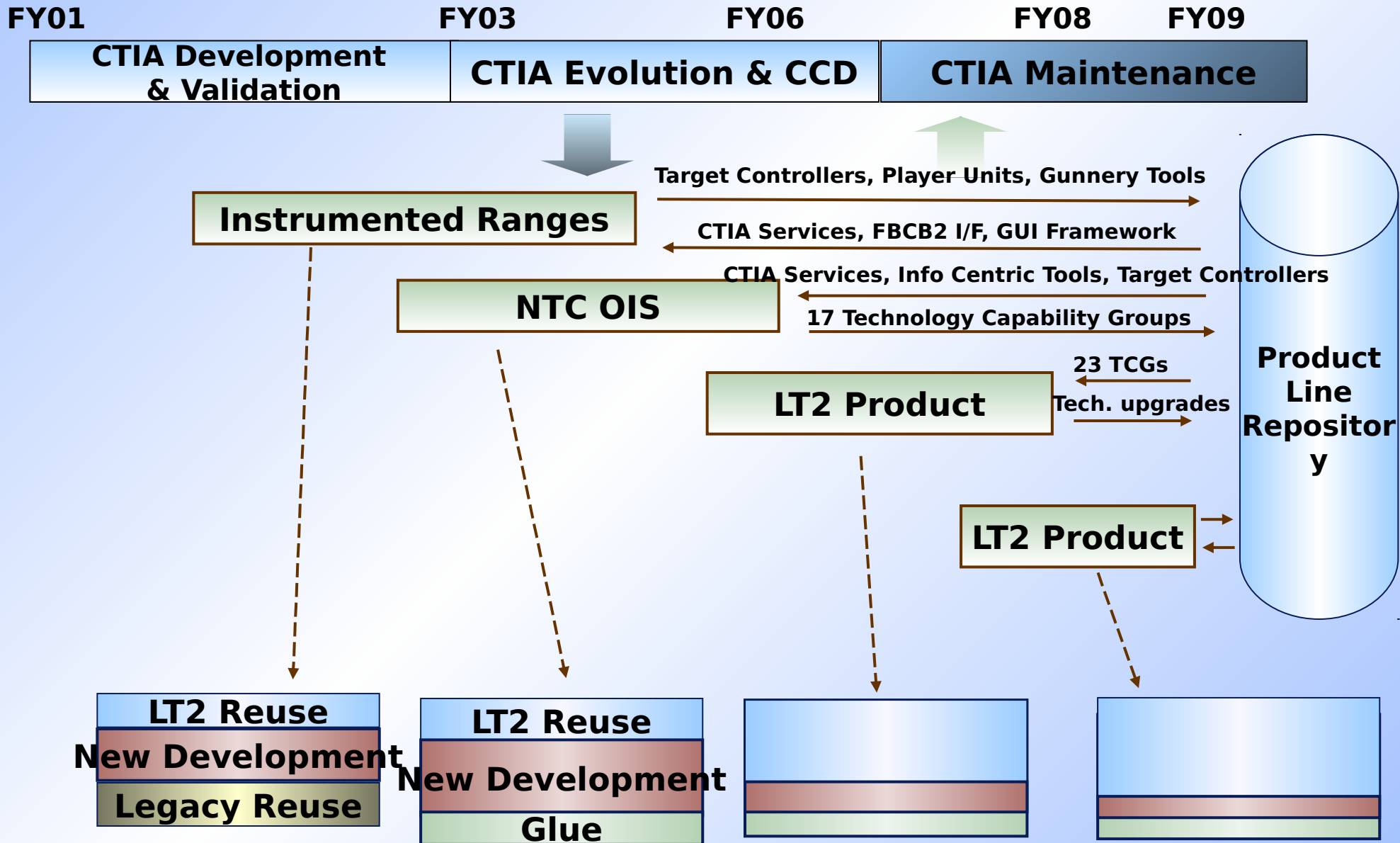
ENGAGEMENT SIMULATION

Live Training Transformation (LTT) Products





LT2 Deployment Strategy





Contracting



Contracts Directorate

- **Director**

- Kim Denver: Kim.d.denver@peostri.army.mil / 407-384-8818

- **Deputy Director for Live/Engineering**

- Ronald Dillon: Ronald.dillon1@peostri.army.mil / 407-384-5492

- **PM TRADA Contracting Officers**

- Judi Willis: Judi.willis@peostri.army.mil / 407-380-4068

- Barbara Ladd: Barbara.ladd@peostri.army.mil /407-208-4099

- **STOC Contracting Officer**

- Melissa Santasiero: melissa.santaarsier@peostri.army.mil / 407-208-4199



Communication with PM TRADE

- **POC is listed for each projected acquisition**
- **Significant information given in individual discussions will be published**
- **Draft information on acquisition will be posted on STRIBOM**
- **Industry Days and One-on-One meetings encouraged for all acquisitions**
- **Draft technical and RFP information will be posted prior to formal RFP**

***LTC Perry Smith
PM LTS***

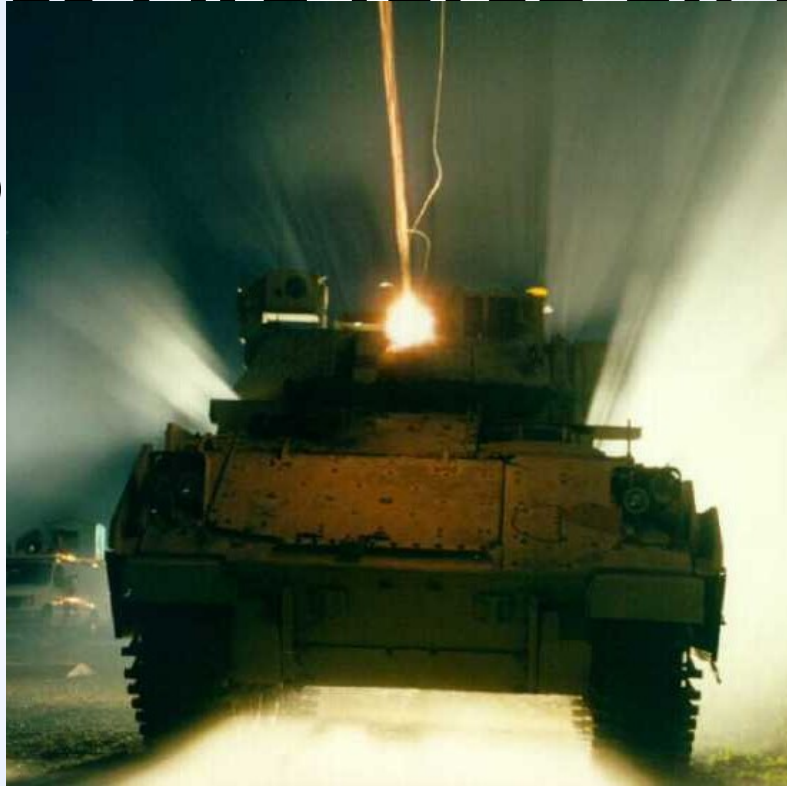
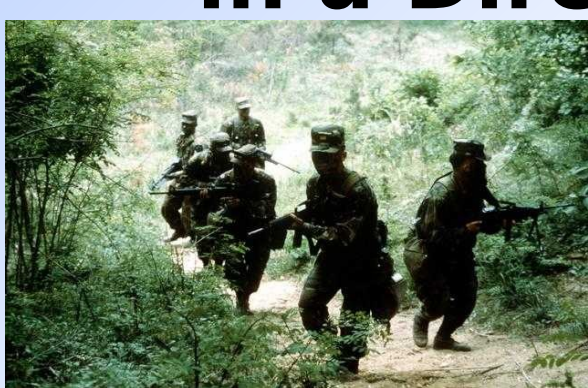
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MILES System Descripti

**System provides real-time casualty effects
necessary for tactical engagement training
in a Direct Fire force on force**





Contracting Opportunities

Information

MILES Soldier Systems

- **Competition Type: FFP plus T&M Eng. Svcs**
- **Contract Vehicle: STOC All Domains**
- **Acquisition Strategy: Competitive**
- **Period of Performance: Basic + 5 one year Options**
- **Estimated Dollar Range: \$15M (Basic) - \$100M (Total of Options)**
- **Estimated RFP Release Date: Jul 04**
- **Estimated Award Date: 1st Qtr, FY05**

POC Information

- **Name: Dave Brunat**
- **Phone: 407-384-5278**
- **E-Mail: dave.brunat@peostri.army.mil**



Contracting Opportunities ***Information***

MILES Universal Controller Device

- **Competition Type: FFP plus T&M Eng. Svcs**
- **Contract Vehicle: STOC All Domains**
- **Acquisition Strategy: Set Aside**
- **Period of Performance: Basic + 5 one year Options**
- **Estimated Dollar Range: \$2M (Basic) - \$17M (Total of Options)**
- **Estimated RFP Release Date: Jul 04**
- **Estimated Award Date: 1st Qtr, FY05**

POC Information

- **Name: Joe Labalbo**
- **Phone: 407-384-5150**
- **E-Mail: joe.labalbo@peostri.army.mil**



Contracting Opportunities ***Information***

MILES Ancillary Items (AT- 4, RPG; etc)

- **Competition Type: FFP Plus T&M Eng. Svcs**
- **Contract Vehicle: STOC All Domains**
- **Acquisition Strategy: Set Aside**
- **Period of Performance: Basic + 5 one year Options**
- **Estimated Dollar Range: \$8M (Basic) - \$40M (Total of Options)**
- **Estimated RFP Release Date: Sep 04**
- **Estimated Award Date: 2nd Qtr, FY05**

**Note: The PEO is considering the best approach for TOW, given the
fielding of ITAS with embedded FTTs**

POC Information

- **Name: Joe Labalbo**
- **Phone: 407-384-5150**
- **E-Mail: joe.labalbo@peostri.army.mil**



MILES Industry Day

**Purpose: Discuss FY04 - 05 competitions
and
evolution of MILES to
OneTESS**

Location: Holiday Inn University

When: 10 Jun - Overview

POC: Dave Brunat

407-384-5278

dave.brunat@peostri.army.mil

11 Jun - One on One session

POC: Mike Minor

407-384-4096

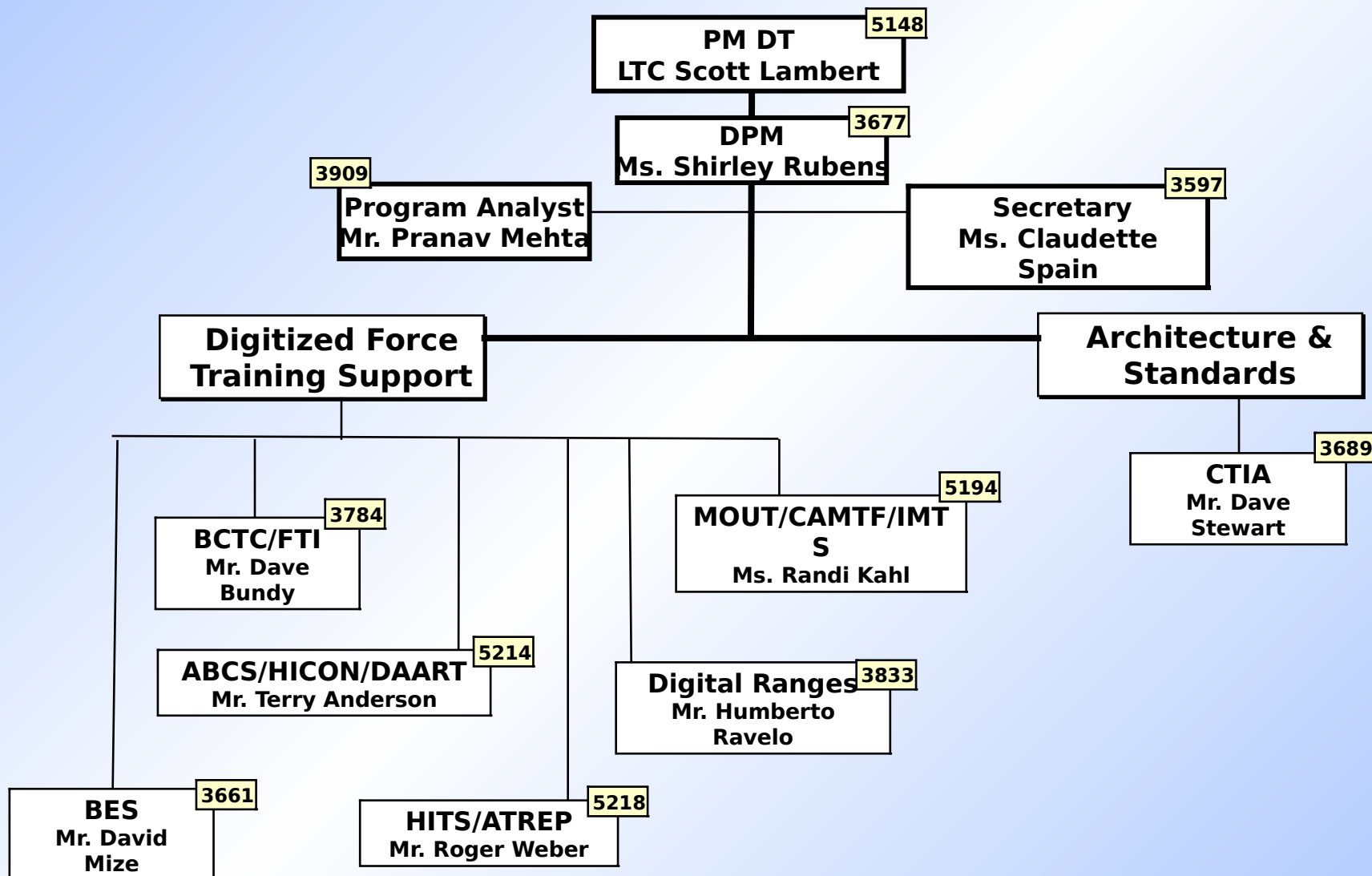
***Ms. Shirley C. Rubens
DPM DT
Digitized Training***

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Organizational Structure PMO DT





- **Initial - Homestation Instrumentation**

- **Training (I-HITS) System:**

- **A collective, live, combined arms FOF and FOT training system for use at Homestation and while deployed**
- **Conduct a field evaluation of COTS in Sep/Oct 2004, followed by contract**



Contracting Opportunities Information

- **Competition Type: FFP**
- **Contract Vehicle: STOC**
- **Acquisition Strategy: Full Competition across all domains**
- **Period of Performance: FY04 - FY06**
- **Estimated Dollar Range: ~ \$15M basic, options TBD**
- **Estimated RFP Release Date: mid JUL 2004**
- **Estimated Award Date: mid to late NOV 2004**

POC Information

- **Name: Dave Bundy**
- **Phone: 407-384-3784**
- **E-Mail: dave.bundy@peostri.army.mil**



I-HITS Discussion Opportun

I-HITS Industry Day:

**Location: Holiday Inn Select University
12125 High Tech Avenue
Orlando, FL**

**When: 10 June 2004, 1300 - 1600
hours**

POC Information

- Name: Dave Bundy**
- Phone: 407-384-3784**
- E-Mail: dave.bundy@peostri.army.mil**



Battlefield Effects Simulator (B

- **BES:**
 - **Simulates the flash and bang of weapon projectile discharge and impact in the Live Training environment**
 - **To be used primarily for FOT training on Homestation instrumented ranges**
 - **Two components: launcher and pyro**



Contracting Opportunities Information

- **Competition Type: FFP**
- **Contract Vehicle: IQC**
- **Acquisition Strategy: Full & open, not a STOC acquisition**
- **Period of Performance: FY05-FY10**
- **Estimated Dollar Range: > \$50 M**
- **Estimated RFP Release Date: Late 4th Qtr FY 04**
- **Estimated Award Date: Late 1st Qtr FY 05**

POC Information

- **Name: V. David Mize**
- **Phone: 407-384- 3661**
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- **Urban Operations and Live Training Ranges (UO<R):**

- Comprises three sub-programs, each linked by common architecture and common components
 - Integrated MOUT Training System (I-MTS)
 - Portable Operations on Urbanized Terrain (MOUT)
 - Urban Assault Course (UAC)
 - Combined Arms Collective Training Facility (CACTF)
 - Shoot House (SH)
 - Instrumented Ranges
 - Digital Multi-Purpose Range Complex (DMPRC)
 - Digital Multi-Purpose Training Ranges (DMPTR)
 - Battle Area Complex (BAX)
 - Range & Training Support Program
 - Range Upgrade
 - Federal Law Enforcement
 - Studies
- IMTS Operation Requirements Document (ORD): At Joint Requirements Oversight Council (JROC) for Approval
- Instrumented Ranges ORD: Approved September 1999



Contracting Opportunities Information

- **Competition Type: FP**
- **Contract Vehicle: IDIQ**
- **Acquisition Strategy: STOC, open to three domains (L, V & Test)**
- **Period of Performance: FY05-FY10**
- **Estimated Dollar Range: Initial ~ \$30M, overall > \$300M**
- **Estimated RFP Release Date: late FY04**
- **Estimated Award Date: 1st Qtr FY 05**

POC Information

- **Name: Randi Kahl**
- **Phone: 407-384- 5194**
- **E-Mail: randi.kahl@peostri.army.mil**

Product Manager Combat Training Instrumentation Systems

LTC Fred Mullins

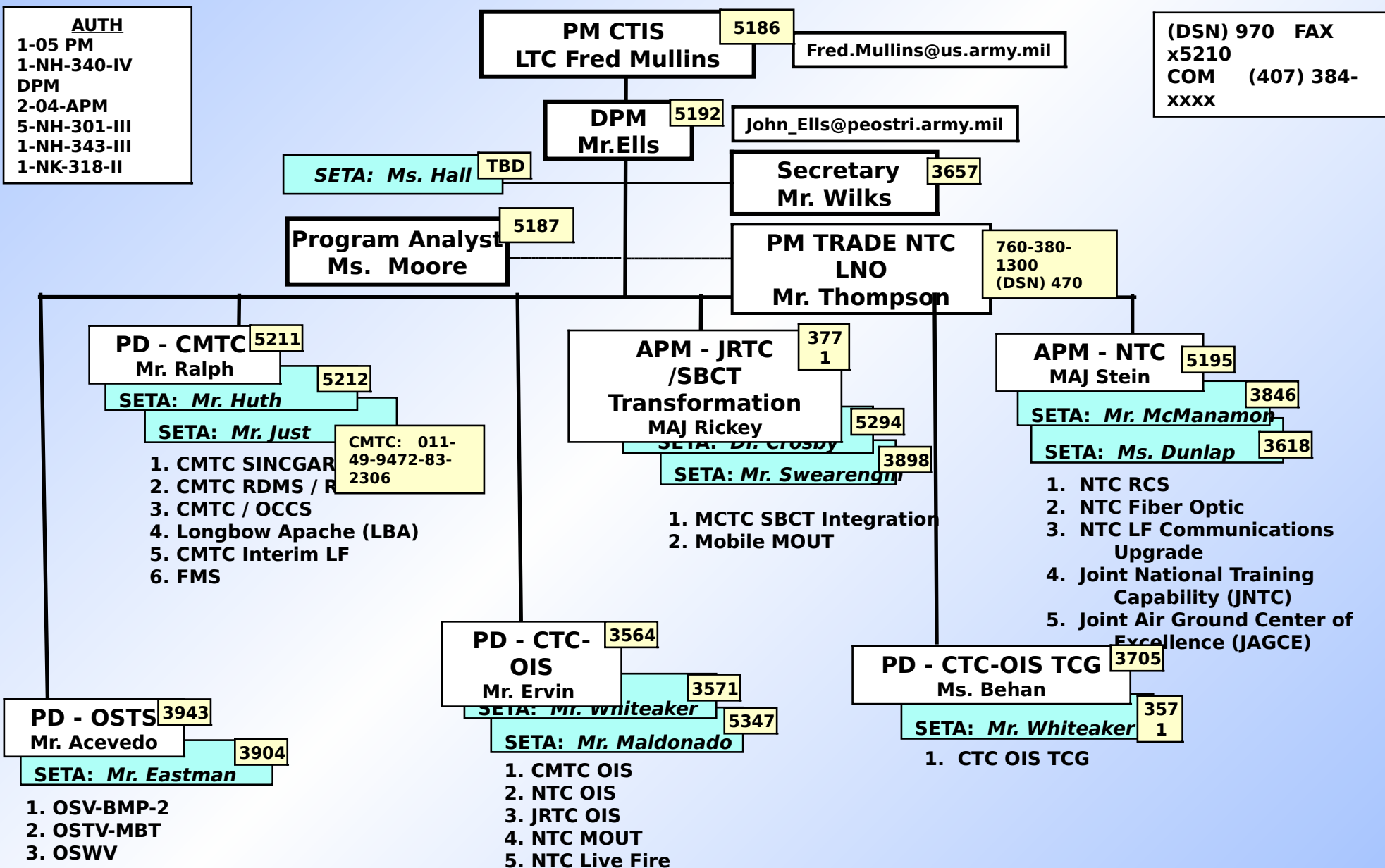
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Organizational Structure PMO CTIS

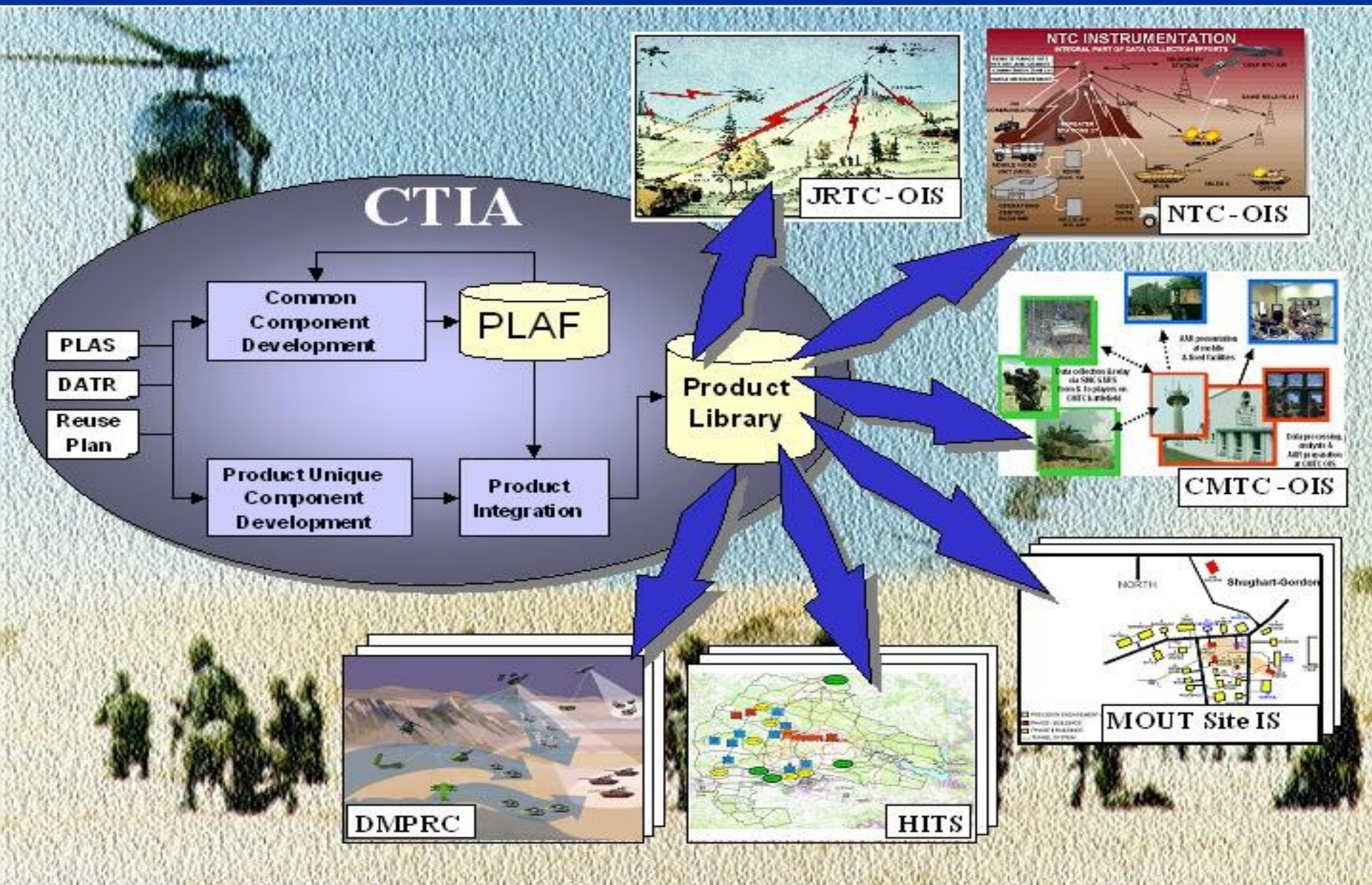


SETA: Scientific, Engineering and Technical Assistance

Products: Combat Training Areas and Range Instrumentation Systems; Collective Unit Training Tools



Product Line: LT2 / CTIA / OIS





Objective Instrumentation System

**Name: National Training Center
Objective Instrumentation System
(NTC OIS)**

Field: NTC in FY07

Army Restructure - May 2004

**Name: Combat Training Center
Objective Instrumentation System
(CTC OIS)**

**Field: NTC - FY07
JRTC - FY09**



Combat Training Center Objective Instrumentation System

The CTC OIS will be an automated data collection and analysis system that will control the exercise and provide “objective” training performance feedback to support the Train-Assess-Train Model

Lead System Integrator (LSI): Contract awarded Dec 2002 to Lockheed Martin Simulation and Training Solutions (LM STS)



TCG Acquisition Process Overview

Potential Bidder

www.ntc-ois.net

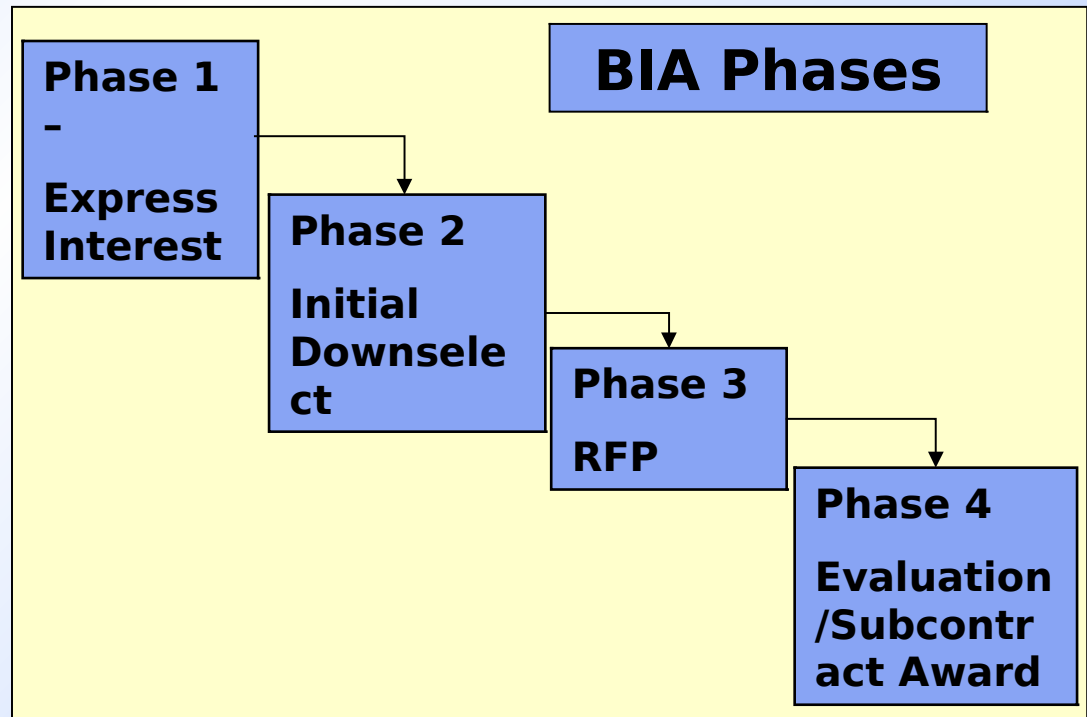


**Not
Registered**

Registered

Registration

1. Supplier must be registered with the LSI to bid on a BIA
2. Must complete each phase successfully to be eligible for subcontract award

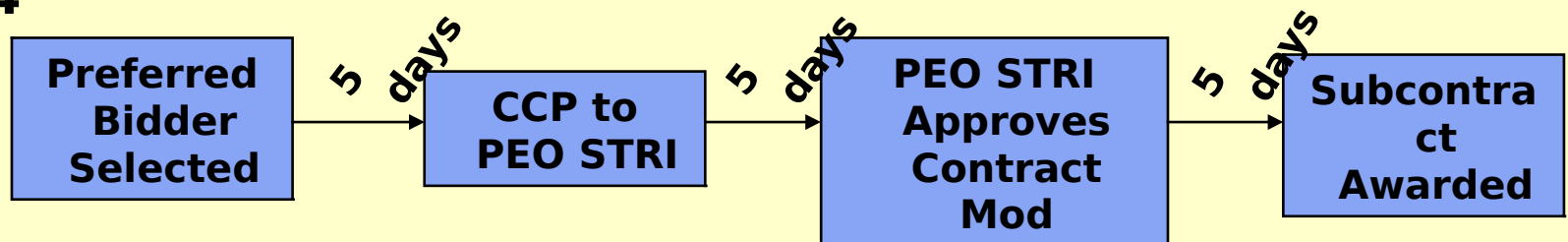




TCG Acquisition Team Relationship

- **Phase 1 - Government and LSI Team develop initial TCG definition, description, initial requirements documentation, initial capability down-select criteria and post supporting documentation to Web site.**
- **Phase 2 - Government and LSI Team develop full requirements package, develop the solicitation package (Request for Proposal), conduct initial down-select and post supporting documentation to web site.**
- **Phase 3 - Government and LSI Team Prepare for Phase 4 proposal evaluation and preferred bidder selection.**
- **Phase 4 - Government and LSI Team perform proposal evaluation and preferred bidder determination.**

Phase 4





TCG to BIA Mapping

| TCG | BIA | SCHEDULED AWARD |
|--|------------------------------------|------------------------|
| •AAR Theatres •Video Monitoring, Recording and Editing | AAR and Video | OCT. 1 2004 |
| •Area Weapons Effects •System External Gateway | Battlefield Effects and Interfaces | OCT. 1 2004 |
| •System Security | System Security | DEC. 30 2004 |
| •Digital Tactical Monitoring •Voice Tactical Monitoring | Tactical Monitoring | DEC. 30 2004 |
| •Portable Computing Resources •System Computational Resources | Computing Resources | 2006 |
| •Radar - Fire Finder •Radar - Air Defense Artillery (ADA) | Radar | *TBA |
| •Close Circuit TV | CC TV | *TBA |
| •Unmanned Aerial Vehicle (UAV) | UAV | *TBA |
| •Weather | Weather | *TBA |
| •Communications Infrastructure | AWARDED | AWARDED |
| •System Technical Monitoring | AWARDED | AWARDED |

*** Dependant on Army Prioritization and funding**



| BIA | Status/Outlook |
|---|--|
| AAR and Video Battlefield Effects and Interfaces | Phase 1: Closed 5/24 Phase 2: Open May 25 - June 8 Phase 3: June 21 - August 9 Phase 4: August 10 - October 1 |
| System Security Tactical Monitoring | Phase 1: June 14 - July 12 Phase 2: July 13 - July 26 Phase 3: August - September Phase 4: October - December |



Contracting Opportunities Information

- **Competition Type: LSI Competes Technology Acquisitions**
- **Period of Performance: FY03 - FY09**
- **Estimated Dollar Range: TBA**
- **Estimated RFP Release Date: TBA**
- **Estimated Award Date: Ref: TBA**

PM CTIS POC Information

Name: Jerry Ervin

Phone: 407-384-3564

E-Mail:

Jerry.P.Ervin@us.army.mil

PM CTIS POC Information

Name: Kathy Behan

Phone: 407-384-3705

E-Mail:

Kathy.Behan@us.army.mil

LM STS POC Information

www.ntc-ois.net

program.ntc-ois@lmco.com



FY05 TCG Opportunities

Digital Tactical Monitoring & Recording

Digital Tactical Monitoring and Recording TCG provides the capability to monitor and record digital tactical data communications for the OIS. Also included is the Voice TCG which will provide the ability to monitor, record and time-tag voice tactical data communications for collection of OIS voice tactical training performance data.

- **Competition Type: Open Competition - Cost**
- **Period of Performance:**
 - **Phase 1 - Initial Registration June 14 - July 12**
 - **Phase 2 - Initial Capability Downselect July 13 - July 26**
 - **Phase 3 - Request for Proposal August - September**
 - **Phase 4 - Proposal Evaluation and Award October - December**
- **Estimated Dollar Range: Ref: www.ntc-ois.net**



FY05 TCG Opportunities ***(cont)***

System Security TCG:

The System Security TCG will supply the guards, firewalls, keying devices, approved storage containers, intrusion detection/access control alert software, virus scanning software, auditing software and associated hardware necessary to implement the OIS security requirements. Engineering support will be needed to develop, integrate and test a system-level cold start procedure, security-related test procedures, security-related operation procedures, system integration support at the LSI facility and the NTC, installation at the NTC, support for acceptance testing, and support for certification/accreditation testing.

- **Competition Type: Open Competition - Cost**
- **Period of Performance:**
 - **Phase 1 - Initial Registration June 14 - July 12**
 - **Phase 2 - Initial Capability Downselect July 13 - July 26**
 - **Phase 3 - Request for Proposal August - September**
 - **Phase 4 - Proposal Evaluation and Award October - December**
- **Estimated Dollar Range: Ref: www.ntc-ois.net**

**Event: CTC OIS Industry Day /
Bidder's Conference**

**Purpose: Provide forum for additional
discussion on pending near-term TCG areas
of interest.**

**Location: Lockheed Martin Simulation &
Training Solutions (LM STS), 12506 Lake
Underhill Road, Orlando, FL, Main Auditorium
in main lobby**

When: 18 June 2004 from 8:30 am to 10:00



Contract Information

- **Program Name: Combat Training Center Objective Instrumentation System (CTC OIS)**
- **Contractor: Lockheed Martin Simulation & Training Solutions (LM STS)**
- **Contact information: www.ntc-ois.net**



Pakistan Mechanized Combat Training Center

Contracting Opportunities Information

- **SCOPE:**
 - **Brigade-size training area, 1800km**
 - **Vehicle and personnel instrumented TES**
 - **FOF and FOT**
 - **EXCON**
 - **AAR capability**
- **Acquisition**
 - **Competition Type: Full and Open**
 - **Period of Performance: FY05 - ?**
 - **Estimated Dollar Range: \$100M +**
 - **Estimated RFP Release Date: FY05**
 - **Estimated Award Date: FY05**

POC Information

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